



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOL. VI.

PART II.

THE
ASSURANCE MAGAZINE,
AND
JOURNAL
OF THE
INSTITUTE OF ACTUARIES.

No. XXII.

JANUARY, 1856.

LONDON:

CHARLES AND EDWIN LAYTON, 150, FLEET STREET.

EDINBURGH: KENNEDY. NEW YORK: H. BAILLIÈRE, 290, BROADWAY.

PARIS: J. B. BAILLIÈRE, LIBRAIRE, RUE HAUTEFEUILLE.

HAMBURG: PERTHES, BESSER, & MAUKE.

PRINTED BY C. & E. LAYTON, 150, FLEET STREET,
TO WHOM ALL COMMUNICATIONS FOR THE EDITOR SHOULD BE SENT, POST PAID.

Price 2s.

INSTITUTE OF ACTUARIES.

President.

JOHN FINLAISON, Esq. (LATE GOVERNMENT ACTUARY.)

Vice Presidents.

SAMUEL BROWN, Esq.
EDWIN JAMES FARREN, Esq.

CHARLES JELlicoe, Esq.
ROBERT TUCKER, Esq.

Treasurer.

JOHN LAURENCE, Esq.

Council.

* ARTHUR HUTCHESON BAILEY, Esq.
* HUGH C. BAKER, Esq.
* SAMUEL BROWN, Esq.
* WILLIAM MEREDITH BROWNE, Esq.
* CHARLES JOHN BUNYON, Esq., M.A.
* DAVID CHISHOLM, Esq.
* JAMES SIDNEY CROCKER, Esq.
† FRANK ALLAN CURTIS, Esq.
* ARCHIBALD DAY, Esq.
* THOMAS GOLDIE DICKSON, Esq.
* PERCY MATTHEW DOVE, Esq.
† WILLIAM EMMENS, Esq.
* GEORGE JOHN FARRANCE, Esq.
* EDWIN JAMES FARREN, Esq.
* JOHN FINLAISON, Esq.
* ALEXANDER GLEN FINLAISON, Esq.
* WILLIAM SUTTON GOVER, Esq.
* JOHN WILLIAM HAMPTON, Esq.
* PETER HARDY, Esq., F.R.S.
* WILLIAM BARWICK HODGE, Esq.
† GEORGE WILLIAM SAMUEL JAGO, Esq.
† WILLIAM MONTGOMERY JAMES, Esq.
* CHARLES JELlicoe, Esq.
* JENKIN JONES, Esq.
* JOHN KING, Esq.
† JOHN EDWARD CAMPBELL KOCH, Esq.
† SAMUEL LINN LAUNDY, Esq.
* JOHN LAURENCE, Esq.
* CHARLES LUCIUS LAWSON, Esq.
† EDWIN LONDON, Esq.

* CHARLES TERRELL LEWIS, Esq.
* WILLIAM LEWIS, Esq.
* JEREMIAH LODGE, Esq., B.A.
† ROBERT JOHN LODGE, Esq.
† PATRICK MACINTYRE, Esq.
* WILLIAM LEWIN NEWMAN, JUN., Esq.
* GEORGE HENRY PINCKARD, Esq.
* HENRY WILLIAM PORTER, Esq.
* ROBERT RAINIE, Esq.
* WILLIAM RATRAY, Esq.
† RICHARD RAY, Esq.
* JOHN REDDISH, Esq.
* EDWARD OSBORNE SMITH, Esq.
† FREDERICK GARLE SMITH, Esq.
* HENRY WILLIAM SMITH, Esq.
* WILLIAM SMITH, Esq.
† SAMUEL SMYLLIE, Esq.
* WILLIAM SPENS, Esq.
* ALEXANDER STABLES, JUN., Esq.
† GEORGE STEWART, Esq.
* JAMES MICHAEL TERRY, Esq.
* GEORGE AUGUSTUS THOMSON, Esq.
* BENJAMIN HALL TODD, Esq.
* JOSEPH TODHUNTER, Esq.
* ROBERT TUCKER, Esq.
* THOMAS WALKER, Esq., B.A.
* JOHN WATSON, Esq.
* JOHN HILL WILLIAMS, Esq.
* CHARLES ARNOLD M. WILlich, Esq.
* WILLIAM WOOD, Esq.

Honorary Secretaries.

JOHN REDDISH, Esq.

JOHN HILL WILLIAMS, Esq.

Auditors.

THOMAS BARLOW, Esq.

EDWARD CHESHIRE, Esq.

CHRISTIAN CHILD, Esq.

* Fellows.

+ Official Associates.

[ENTERED AT STATIONERS' HALL.]

THE
ASSURANCE MAGAZINE,
AND
JOURNAL
OF THE
INSTITUTE OF ACTUARIES.

VOL. VI.—PART II.

JANUARY, 1856.

LONDON:
CHARLES & EDWIN LAYTON, 150, FLEET STREET.
EDINBURGH: KENNEDY. NEW YORK: H. BAILLIÈRE, 290, BROADWAY.
PARIS: J. B. BAILLIÈRE, LIBRAIRE, RUE HAUTEFEUILLE.
HAMBURG: PERTHES, BESSER, & MAUKE.

[The Council of the Institute of Actuaries of Great Britain and Ireland wish it to be understood, that while they consider it their duty to give, from time to time, publicity to certain of the papers presented to the Institute, they do not hold themselves responsible for the opinions put forward therein.]

LONDON :
PRINTED BY CHARLES AND EDWIN LAYTON,
150 FLEET STREET.

CONTENTS OF NO. XXII.

	PAGE
On the Valuation of Property held for Life and in Reversion; and on the due Apportionment of it, when so held on the same Life, between the Life Tenant and the Remainder-man. By Charles Jellicoe, one of the Vice-Presidents of the Institute of Actuaries	61
Abstract of a Paper on the Physiological Law of Mortality, and on certain Deviations from it observed about the Commencement of Adult Life. By Professor A. Buchanan, M.D., University of Glasgow	67
By what Means the Status of a Profession is to be Improved	72
The Modern Methods of Valuation in Life Assurance Companies	74
Decimal Coinage	75
 NOTES AND QUERIES:—	
The Question whether Profits are Capital or Interest	104
Should not the Additions to a Policy, as well as the Sum Assured, be charged with Extra Premium when Extra Risk is incurred?.....	<i>ib.</i>
Comparative Value of Gold in different Countries.....	<i>ib.</i>
Mr. Farren's Improved Methods of Life Contingency Calculation	105
 FOREIGN INTELLIGENCE:—	
Germany:	
Tables furnished by Herr Rath G. Hopf, showing the Condition and Progress of the German Life Assurance Companies	106
 CORRESPONDENCE:—	
Annuity and Assurance Tables for Three Lives. By Mr. William Braid, of the Scottish National Insurance Company.....	109
 NOTICES OF NEW WORKS:—	
Hygiène, or the Handbook of Health. In Two Parts: the First Part being addressed to Members of District Boards under Sir Benjamin Hall's "Local Management Act," Magistrates, Clergymen, &c.; the Second Part to the Public in general. By Harry Wm. Lobb, L.S.A., M.R.C.S.E.	110
 OBITUARY:—	
Notice of the Death of Mr. James Marshall, of Jamaica	113
 INSTITUTE OF ACTUARIES:—	
Annual Examinations—Questions for the Third Year	<i>ib.</i>
ORIGINAL TABLES	115

NOTICE.

Communications for this Journal must be sent in at least one month prior to the day of publication, or their insertion will in all probability be deferred.